

## Electronic Acknowledgement Receipt

<b>EFS ID:</b>	4245967
<b>Application Number:</b>	10531772
<b>International Application Number:</b>	
<b>Confirmation Number:</b>	6021
<b>Title of Invention:</b>	JOINT SYMBOL, AMPLITUDE, AND RATE ESTIMATOR
<b>First Named Inventor/Applicant Name:</b>	Thomas P. McElwain
<b>Customer Number:</b>	42716
<b>Filer:</b>	Andrew Paul Cernota/Debra Stengel
<b>Filer Authorized By:</b>	Andrew Paul Cernota
<b>Attorney Docket Number:</b>	20030076-US
<b>Receipt Date:</b>	07-NOV-2008
<b>Filing Date:</b>	19-APR-2005
<b>Time Stamp:</b>	08:34:33
<b>Application Type:</b>	U.S. National Stage under 35 USC 371

### Payment information:

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	\$1810
RAM confirmation Number	7213
Deposit Account	190130
Authorized User	

### File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/Message Digest	Multi Part/.zip	Pages (if appl.)

1	Miscellaneous Incoming Letter	20030076-US_IssueFeeTransmittal.pdf	91063 e0ff0dec36e2d48110ef4d4fb7567b15e1ec4b59db	no	1
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**Warnings:****Information:**

2	Issue Fee Payment (PTO-85B)	20030076-US_PTOL85b.pdf	141331 32fb50124b730b1273d31caae4d00b7f299fc668fbca	no	1
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**Warnings:****Information:**

3	Fee Worksheet (PTO-06)	fee-info.pdf	32056 26d6c59b1e70f24618115cfbea712164d9af5ea	no	2
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**Warnings:****Information:**

Total Files Size (in bytes):	264450
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This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

**New Applications Under 35 U.S.C. 111**

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

**National Stage of an International Application under 35 U.S.C. 371**

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

**New International Application Filed with the USPTO as a Receiving Office**

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.